

LISTING OF THE CLAIMS

The following listing of claims replaces all previous claim listings and versions in the application:

1. (Currently Amended) A method of converting a software program for a single processor to a software program for a multiprocessor, the method comprising the steps of:

- allocating a source file compiled from the software program to each processor by an object file unit;
- preparing an executable form program for operating software running on a single memory space on the multiprocessor for each processor;
- exception processing for a refer requester processor, by detecting an occurrence of a refer request, to variables arranged on a memory space managed by another processor during running of the executable form program; [[and]]
- sending the refer request to a requested processor;
- returning refer results, by the requested processor referring to the variables, to the refer requester processor; and
- emulation-executing by the refer requester processor a variable refer command from the returned refer results to return to the next command from the exception processing.

2. (Previously Presented) The method of converting the software program for the single processor to the software program for the multiprocessor according to claim 1, further comprising the step of: disposing the executable form program mounted on the memory space to be managed by each processor in such a manner that addresses are prevented from being duplicated among the processors.

3. (Canceled)

5. (Previously Presented) The method of converting the software program for the single processor to the software program for the multiprocessor according to claim 4, wherein the requested processor returns as write results the returned refer results to the refer request processor.

6. (Previously Presented) The method of converting the software program for the single processor to the software program for the multiprocessor according to claim 1 or 2, wherein the refer request is a call request for functions arranged on the memory space managed by the other processor, and the refer requester processor emulation-executes a function call command from the returned refer results.

7. (Previously Presented) The method of converting the software program for the single processor to the software program for the multiprocessor according to claim 1, further comprising: communicating between the processors in which communication including processing request transmission and processing result return via the exception processing occurs.

8. (Previously Presented) A cellular phone in which the software program for the multiprocessor converted by the method according to claim 1 is installed.

9. (Previously Presented) The method of converting the software program for the single processor to the software program for the multiprocessor according to claim 4, further comprising: communicating between the processors in which communication including processing request transmission and processing result return via the exception processing occurs.

11. (Previously Presented) A cellular phone in which the software program for the multiprocessor converted by the method according to claim 2 is installed.

12. (Canceled)

13. (Previously Presented) A cellular phone in which the software program for the multiprocessor converted by the method according to claim 4 is installed.

14. (Previously Presented) A cellular phone in which the software program for the multiprocessor converted by the method according to claim 5 is installed.

15. (Previously Presented) A cellular phone in which the software program for the multiprocessor converted by the method according to claim 6 is installed.